Small Fab

1-Drill Ø0.323" holes in D2037-101 tube as per Dwg D2037

2-Flatten

ends of D2037-101 tube as required using DT8545

3-Deburr as required

120

OC5- Inspect part completeness to step on W/O

OC **Quality Control**

Memo

DQA:	(A: Date:					*``````									
0 6 Cl = 4 4 4 1			Data			WORK ORDER NON-	-C(ONFO	RMANCE / UPI		tank Ondan	-d-tl. [AEROSPACE		
QA Closed:			Date:		1			1			Vork Order u	odate only			
Work Order:						DISPOSITION		AGAINST DEPARTMENT/PROCESS							
					_	Rework			Skid-tube	Crosstube		Water Jet	Engineering		
Part N	۱o.					Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	Quality		
						Use-as-is		Therr	noforming	Finishing	Rec/Sto	re/Packaging	Other		
NCR N	۱o					Suspected Unapproved		ĺ	Large Fab	Composite		Supplier			
5	1				<u> </u>	inking of word and an end of the			0		C: 0	Ι			
Root Cause		ate	Ctan	Otto	Desci	iption of work order update or non-conformance		Initial	Action		Sign &	Varification	OC Inchestor		
ı		ate	Step	Qty		or non-comormance	<u>Cr</u>	nief Eng	Descrip	шоп	Date	Verification	QC Inspector		
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ļ	Ben	nding				Bend		Folio/F	rogram		Outside Dim	ensions	Pressure/Forced		
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	Cra	cks				Broken/Damage/Defect	_	Hardwa	ire		Part Incorre	ct	Temperature/Cure		
ļ	Crin	np/Kinl	k/Ripple,	/Wave		Burrs		Inspecti	ion Incomplete/Unq	ualified	Part Lost/M	ssing	Weld		
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	_	shing				Countersink		4	ned/off center		Positioned V	Vrong	-		
ļ	_	it Treat			<u> </u> _	Cut Too Short	_	Mislabe	eled		Power Loss/	Surge	Other		
]	_		Strip in	Tube		Drawing		Misread	1						
	_	rks/Cha				Drill Holes	L	Off-set							
ļ	_		quence			Finish	L	4	Calibration						
i	IW/a	ve/Twi	st in Tuh	e	I 1	t/Function Out of Sequence									

Work Ord May-28-13 10:		2480		*102480*							Page	
Item ID: Revision ID: Item Name:	D2037-101			Accept	*N900	040	100)* s	etup Star Stop	iA	S1* S2*	
Start Date: Required Date Reference:	6/06/13 :: 6/06/13	Start Qty: 6.00 Req'd Qty: 6.00	*6* *6*		Cust Item I Customer:	D:						
Approvals:	Process Pla	an:	Date:	Tooling: SPC (Y/N):		nte:		R	un Star Stop	17	R1* R2*	
Sequence ID/ Work Center 130 *130* Packaging	ID	Operation Description Identify as per dwg & Ste	ock Location: W/ M(Set Up/ Run Hours 0.00	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp	

0.00

0.00

QC21- Final Inspection - Work Order Release

Memo

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Quality Control

Page 2

MUS 13-08-20

DQA:			Date:			· · · · · · · · · · · · · · · · · · ·									
			_			WORK ORDER NON	-C	ONFO	RMANCE / U				_ _	AEROSPACE	
QA Closed:			Date:							V	Vork Order up	odate only			
Work Order:				DISPOSITION											
	-					Rework		Skid-tube	Crosstube	Water Jet			neering		
Part N	lo.					Scrap	1] ,	Machining	Small Fab	Pro	d. Eng. Coor.	− 1	Quality	
	-					Use-as-is	1		noforming	Finishing	_	re/Packaging	7	Other	
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Cause		Date	Step	Qty	1	or non-conformance	1	nief Eng		ription	Date	 Verification	ا مر	Inspector	
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·	<u></u>	Bending				Bend	$ldsymbol{ld}}}}}}$	Folio/P	rogram		Outside Dim	ensions	Pressur	e/Forced	
<u> </u>	(Centre No	ot Concen	itric		BOM/Route	L	Grain			Over/Under	tolerance	Set-up		
		Cracks				Broken/Damage/Defect		Hardwa	re		Part Incorred	ct [Tempe	rature/Cure	
<u> </u>	_	Crimp/Kink/Ripple/Wave				Burrs	L	Inspecti	on Incomplete/Un	nqualified	Part Lost/Mi	ssing	Weld		
1	-	Cuffs				Contamination	L	Instruct	ions Incomplete/U	Inclear	Part Moved		Wrong	Stock Pulled	
_	-	Crushing				Countersink		Misalig	ned/off center		Positioned V				
	_	Heat Trea			<u> </u>	Cut Too Short		Mislabe	led		Power Loss/	Surge	Other		
	$\overline{}$	Inspection		Tube		Drawing		Misread	ļ						
L	_	Marks/Ch			<u> </u>	Drill Holes	\Box	Off-set							
_		Turning S	-		<u> </u>	Finish		Out of C	Calibration						
	Wave/Twist in Tube				i	Fit/Function	1	Out of S	equence						

H:/FORMS/Quality Assurance\approved QA/NCRWO RevH

Work Order ID:

102480

Parent Item:

D2037-101

Parent Item Name:

Arm

Start Date: 6/06/13

Required Date: 6/06/13

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP Rev:A New Issue 05-11-01 JLM

08-07-29 revD as per dwg DD verified by:EC IPP Rev:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TR0.750W.049	 _	Purchased	No		 ·	110	f	516.7703	3.916	24.732632	S	1_13	(02/04

Location Loc Qty Loc_Code MAT017 516.7702825 122312 13.3 122468 0.0000325 124768 86.93245 125068 127.5378 125513 289

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Page 1

DQA:			Date:			•			_				***	TQΔC		
QA Closed:			Date:			WORK ORDER NON	-C(ONFOI	RMANCE / UPI		ork Order u	ndate only	\neg	AEROSPACE		
QA Closed.	_		Date.						<u> </u>	•	OIK Order up	date only	<u> </u>			
Work Ord	er:					DISPOSITION		AGAINST DEPARTMENT/PROCESS								
	-					Rework	1		Skid-tube	Crosstube	Water Jet Engine			Engineering		
Part 1	No.					Scrap	1		Machining	Small Fab	Prod. Eng. Coor.			Quality		
	-					Use-as-is	1	Thern	noforming	Finishing	Rec/Sto	re/Packaging	\neg	Other		
NCR 1	No				_	Suspected Unapproved]		Large Fab	Composite		Supplier				
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Root		_	_	_ !	Desc	ription of work order update	1	Initial	Actio		Sign &					
Cause		Date	Step	Qty		or non-conformance	Cr	nief Eng	Descrip	tion	Date	Verification	1	QC Inspector		
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Offset/Setup Process	\vdash															
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Training	H		1 1													
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Landi	ng G	iear		-		General										
		Bending				Bend		Folio/P	rogram		Outside Dim	ensions	Pr	essure/Forced		
		Centre No	ot Concen	itric		BOM/Route	Г	Grain			Over/Under	tolerance	Se	et-up		
		Cracks				Broken/Damage/Defect		Hardwa	re		Part Incorred	t :t	\neg _{Tϵ}	emperature/Cure		
		Crimp/Kink/Ripple/Wave				Burrs		Inspecti	ion Incomplete/Unqu	ualified	Part Lost/Mi	ssing	\neg w	'eld		
		Cuffs				Contamination		Instruct	ions Incomplete/Und	clear	Part Moved		\neg w	rong Stock Pulled		
	Ш	Crushing				Countersink		Misalig	ned/off center		Positioned V	vrong .				
		Heat Trea	it			Cut Too Short		Mislabe	eled		Power Loss/:	Surge		ther		
		Inspectio	n Strip in '	Tube		Drawing		Misread	j	_		<u> </u>				
		Marks/Ch	atter			Drill Holes		Off-set								
	-	Turning S				Finish		Out of 0	Calibration					<u> </u>		
	Wave/Twist in Tube					Fit/Function		Out of s	Sequence			-				

H:/FORMS/Quality Assurance\approved QA/NCRWO RevH

11/1 102480 MLJ 13-05-28 D2037-101 ARM INCORPORATED C1, C2 & C3, REDRAWN TO SOLIDWORKS FORMAT WITH CURRENT STANDARDS, ORIGINAL SQUARE FROM CONFIGURATION DELETED ISSE REV, C FOR FURTHER DETAILS, SHEET 2 DETAIL A NOW INDICATED AS 2 PL. REASON FOR CHANGE: OCPRODUCTION REQUEST. AJS 08 05.08 REDRAWN, 0.386 WAS 0.375, С RF 99 06:07 В -103 DELETED JB 93 04.20 Α NEW ISSUE NOTES: 1) MAYERIAL: AISI 304/316, STAINLESS STEEL ROUND TUBE, ϕ 0.750 x 0.049 WALL REF. DART SPEC M304TR0.750W.049 JB 91,10 22 REV. DESCRIPTION BY DATE DESIGN DART AEROSPACE LTD 2) FINISH: NONE
3) TOLERANCES: PER DART OSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED DRAWN HAWKESBURY, ONTARIO, CANADA

6) IDENTIFICATION; N/A

7) WEIGHT: 1.50 lbs

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

8) FOR FURTHER INFO SEE DRAWING D2638.

D

CHECKED

MFG. APPR.

APPROVED

08.05.08

DE APPR.

DATE

DRAWING NO.

D2037

TITLE

ARM

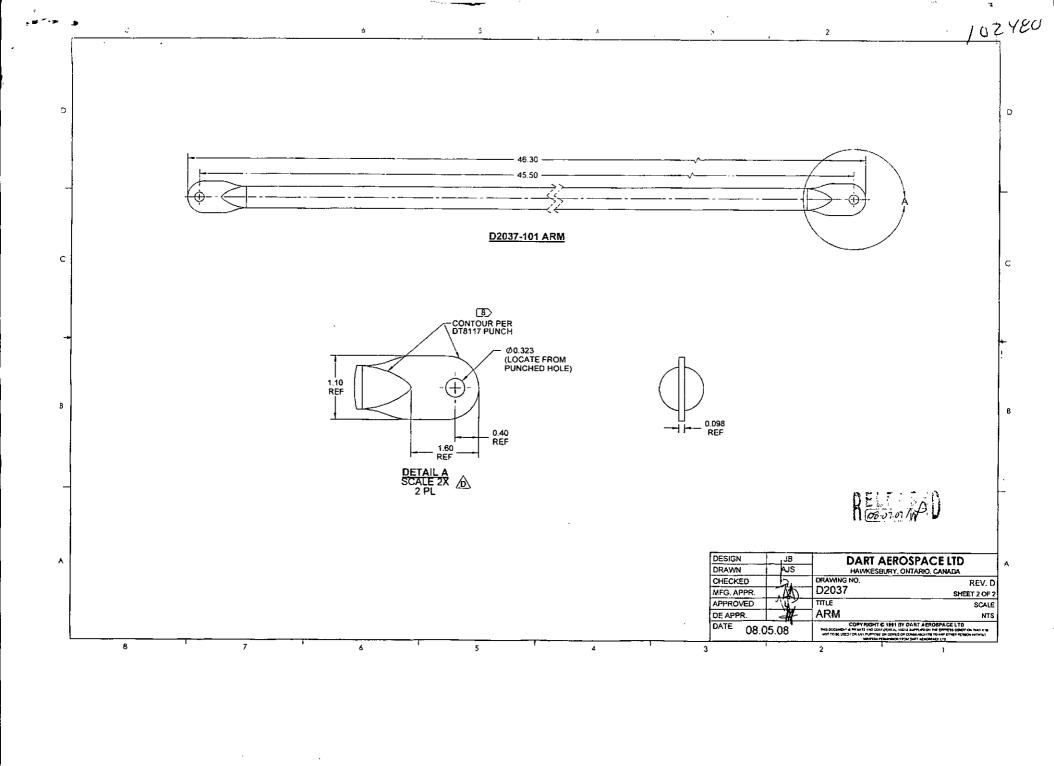
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